GOVERNMENT OF INDIA
WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION
LOK SABHA

UNSTARRED QUESTION NO:1202
ANSWERED ON:09.02.2017
Water Level in Major Reservoirs
Maadam Smt. Poonamben Hematbhai;Maragatham Smt. K.

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANAGA REJUVENATION be pleased to state:

(a) the estimated water storage capacity of each major reservoir in the country;
(b) the details of water availability against their storage capacity during each of the last three years vis-a-vis average storage capacity especially in the drought affected States including Gujarat, State-wise;
(c) the steps taken by the Government to ensure adequate supply of water to the concerned States;
(d) the funds allocated/released by the Government for upkeep of reservoirs during the current plan period, State-wise; and
(e) the steps taken/to be taken to maintain the requisite water level in all the major reservoirs of the country?

Answer

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION
(DR. SANJEEV KUMAR BALYAN)

(a) to (b) Central Water Commission (CWC) monitors live storage status of 91 reservoirs of the country on weekly basis and issues weekly bulletin on every Thursday. Out of these reservoirs, 10 reservoirs are in Gujarat. Water availability of the 91 reservoirs monitored by CWC against their storage capacity at end of the monsoon season i.e. 30th September during last three years is given in Annexure-I.

(c) to (d) The supply of water to the states depends on its water resources and the rainfall received. Works related to water resources development & management are planned, funded, executed and maintained by the State Governments themselves as per their own resources and priorities. In order to supplement the efforts of the State Governments, Government of India provides technical and financial assistance to the State Governments to encourage sustainable development and efficient management of water resources through various schemes and programmes.

Under the scheme for Repair, Renovation and Restoration (RRR) of water bodies, MoWR, RD &GR gives Central Assistance (CA) to States/UTs. The scheme has multiple objectives like comprehensive improvement and restoration of water bodies thereby increasing tank storage capacity, ground water recharge, increased availability of drinking water, improvement in agriculture/horticulture productivity etc.

Under the RRR scheme of domestic support, a total of 3341 water bodies were taken up for restoration in 12 states under XI Plan. Total central grant amounting to Rs. 917.26 crore was released to the states for completion of works of water bodies taken up during XI Plan and the works on 2801 water bodies have been completed and an irrigation potential of 1.984 lakh ha has been restored up to 31.03.2016.

Further during XII Plan, 1354 additional water bodies have been included under this scheme. So far, an amount of Rs. 264.669 crore has been released towards these schemes and an irrigation potential of 0.285 lakh ha has been restored up to 31.03.2016. Works in 464 of water bodies have been completed. State−wise details of the releases in current Plan period is given in Annexure-II.

(e) The requisite water levels in the reservoirs are maintained by the dam authorities through a determination of rainfall, flood levels and water demands.

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Annexure-I

Annexure referred to Lok Sabha Unstarred Question No.1202 on Water level in major reservoirs for answer on 09.02.2017.

WATER LEVEL OF 91 RESERVOIRS OF INDIA
(End of Monsoon Season during last three years)

S.NO NAME OF RESERVOIR STATE Live Storage Capacity at FRL (BCM) Live Storage Available as on 30th September (BCM)
2014 2015 2016
1 SRISAILAM AP/TG 8.288 2.82 1.724 5.690
2 NAGARJUNA SAGAR AP/TG 6.841 5.049 0.043 0.984
3 SOMASILA A.P 1.994 1.078 0.297 0.833
4 SRIRAMSAGAR TG 2.3 0.872 0.228 2.300
5 LOWER MANAIR TG 0.621 0.257 0.114 0.621
6 TENUGHAT JHAR 0.821 0.405 0.427 0.422

7 MAITHON JHAR 0.471 0.465 0.274 0.471
8 PANCHET HILL JHAR 0.184 0.247 0.108 0.184
9 KONAR JHAR 0.176 0.177 0.149 0.176
10 TILAIYA JHAR 0.142 0.21 0.149 0.142
11 UKAI GUJ 6.615 5.84 5.142 5.671
12 SABARMATI(DHAROI) GUJ 0.735 0.51 0.666 0.714
13 KADANA GUJ 1.472 1.181 0.921 1.119
14 SHETRUNJI GUJ 0.300 0.14 0.3 0.160
15 BHADAR GUJ 0.188 0.09 0.163 0.012
16 DAMANAGANGA GUJ 0.502 0.487 0.483 0.475
17 DANTIWADA GUJ 0.399 0.087 0.343 0.127
18 PANAM GUJ 0.697 0.535 0.364 0.424
19 SARDAR SAROVAR GUJ 1.566 1.441 1.412 1.502
20 KARJAN GUJ 0.523 0.514 0.356 0.275
21 GOBIND SAGAR(BHAKRA) H.P 6.229 5.728 5.906 4.554
22 PONG DAM H.P 6.157 4.274 5.319 4.296
23 KRISHNARAJA SAGRA KAR 1.163 2.854 1.996 0.316
24 TUNGABHADRA KAR 3.276 1.387 0.53 1.263
25 GHATAPRABHA KAR 1.391 1.785 1.181 1.143
26 BHADRA KAR 1.785 4.207 2.195 0.929
27 LINGANAMAKKI KAR 4.294 0.656 0.52 2.493
28 NARAYANPUR KAR 0.863 0.728 0.261 0.738
29 MALAPRABHA(RENUKA) KAR 0.972 0.441 0.243 0.353
30 KABINI(Sancherla Tank) KAR 0.444 3.319 1.782 0.240
31 HEMAVATHY KAR 0.927 0.039 0.053 0.196
32 HARANGI KAR 0.220 3.137 1.657 0.177
33 SUPA KAR 4.120 0.079 0.086 2.352
34 VANIVILAS SAGAR KAR 0.802 0.335 0.216 0.040
35 ALMATTI KAR 3.105 0.131 0.052 3.105
36 GERUSOPPA KAR 0.130 0.222 0.136 0.102
37 KALLADA(PARAPPAR) KRL 0.507 2.049 2.055 0.162
38 IDAMALAYAR KRL 1.018 3.125 2.968 0.586
39 IDUKKI KRL 1.460 4.511 3.43 0.682
40 KAKKI KRL 0.447 9.338 8.603 0.277
41 PERIYAR KRL 0.173 2.762 1.871 0.021
42 MALAMPUZHA KRL 0.224 0.705 0.487 0.092
43 GANDHI SAGAR M.P. 6.827 0.973 0.147 6.438
44 TAWA M.P. 1.944 2.537 1.971 1.944
45 BARGI M.P. 3.180 1.682 0.062 3.180
46 BANSAGAR M.P. 5.166 0.78 0.161 5.166
47 INDIRA SAGAR M.P. 9.745 0.581 0.314 9.697
48 BARNA M.P. 0.456 0.522 0.116 0.433
49 MINIMATA BANGOI CHH. 3.046 0.247 0.06 2.232
50 MAHANADI CHH. 0.767 0.049 0.018 0.757
51 JAYAKWADI(PAITHON) MAH 2.171 0.331 0.236 1.559
52 KOYANA MAH 2.652 0.241 0.246 2.652
53 BHIMA(UJJANI) MAH 1.517 0.853 0.892 1.494
54 ISAPUR MAH 0.965 0.564 0.564 0.388
55 MULA MAH 0.609 0.929 0.761 0.608
56 YELDARI MAH 0.809 0.328 0.177 0.135
57 GIRNA MAH 0.524 0.681 0.504 0.408
58 KHADAKVASLA MAH 0.056 0.195 0.078 0.055
59 UPPER VAITARNA MAH 0.331 0.304 0.229 0.331
60 UPPER TAPI MAH 0.255 0.389 0.24 0.223
61 PENCH (TOTALADOH) MAH 1.091 1.425 0.861 0.657
62 UPPER WARDHA MAH 0.564 1.461 1.36 0.564
63 BHATSA MAH 0.942 1.808 1.701 0.941
64 DHOM MAH 0.331 0.125 0.122 0.329
65 DUDHGANGA MAH 0.664 1.401 1.109 0.664
66 MANIKDOH (KUKADI) MAH 0.288 0.316 0.271 0.206
67 BHANDARDARA MAH 0.304 0.031 0.043 0.304
68 HIRAKUD ODI 5.378 0.379 0.272 4.519
69 BALIMELA ODI 2.676 0.095 0.082 2.065
70 SALANADI ODI 0.558 0.145 0.097 0.310
71 RENGALI ODI 3.432 0.641 0.531 3.140
72 MACHKUND(JALPUT) ODI 0.893 2.686 2.073 0.786
73 UPPER KOLAB ODI 0.935 1.856 1.628 0.758
74 UPPER INDRAVATI ODI 1.456 2.369 2.315 1.147
75 THEIN PUN 2.344 0.255 0.255 1.599
76 MAHI BAJAJ SAGAR RAJ 1.711 0.48 0.266 1.711
77 JHAKAM RAJ 0.132 0.132 0.132 0.132

78 RANA PRATAP SAGAR RAJ 1.436 1.436 1.436 1.403
79 LOWER BHAWANI TN 0.792 0.051 0.402 0.147
80 METTUR(STANLEY) TN 2.647 1.041 1.879 1.174
81 VAIGAI TN 0.172 0.014 0.091 0.007
82 PARAMBIKULAM TN 0.380 0.176 0.377 0.139
83 ALIYAR TN 0.095 0.031 0.095 0.007
84 SHOLAYAR TN 0.143 0.144 0.144 0.058
85 GUMTI TRP 0.312 0.105 0.203 0.258
86 MATATILA UP 0.707 0.706 0.641 0.641
87 RIHAND UP 5.649 3.893 2.517 4.544
88 RAMGANGA UTT 2.196 1.319 1.882 1.179
89 TEHRI UTT 2.615 2.357 2.394 2.386
90 MAYURAKSHI WB 0.480 0.192 0.252 0.407
91 KANGSABATI WB 0.914 0.607 0.843 0.810

Annexure-II

Annexure referred to Lok Sabha Unstarred Question No.1202 on Water level in major reservoirs for answer on 09.02.2017.

State−wise details of the Central Assistance releases in current Plan period
under RRR scheme

Sl No. State CA Released (in crore)
2012-13 2013-14 2014-15 2015-16
1 Bihar 27.54* 0 0 0
2 Chhattisgarh 0 37.97* 0 0
3 Madhya Pradesh 0 0 37.70 0
4 Manipur 0 0 10.37 0
5 Meghalaya 0 0 2.52 0
6 Odisha 0 0 52.90+27.00* 54.75
7 Rajasthan 0 0 0 35.93
8 Tamil Nadu 0 0 0 9.22
9 Telangana 0 0 0 44.88
10 Uttar Pradesh 10.38* 0 0 16.41
Total 37.92 37.97 130.49 161.18
*Release is towards the water bodies included in XI Plan